(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/053955 A1

(51) International Patent Classification⁷: B32B 27/32, 7/10, A23B 7/148, A23L 3/3418, B65D 81/20, 85/34, B65B 25/04

(21) International Application Number:

PCT/AU2004/001706

(22) International Filing Date: 3 December 2004 (03.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003906706

3 December 2003 (03.12.2003) AU

- (71) Applicants (for all designated States except US): COM-MONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2601 (AU). STELLAR DEVELOPMENTS PTY LTD [AU/AU]; Corner Toorak and Tooronga Roads, Hawthorn East, Victoria 3123 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GIBBERD, Mark, Raymond [AU/AU]; 64 Forrest Road, Margaret River, Western Australia 6285 (AU). SYMONS, Peter, James [AU/AU]; 9 Manning Street, Altona, Victoria 3018 (AU).

MORGAN, Robert, John [AU/AU]; 5 Kiah Mews, Eltham, Victoria 3095 (AU).

- (74) Agent: F B RICE & CO; 139-141 Rathdowne Street, Carlton, Victoria 3053 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

 $\textbf{(54) Title:} \ PROCESSES FOR \ THE \ PRODUCTION \ OF \ PACKAGING \ MATERIAL FOR \ TRANSPORTING \ AND \ STORING \ PERISHABLE \ GOODS$

(57) Abstract: This invention relates to packaging materials comprising a water-impermeable outer layer bonded to a water-absorbent layer and having an inner layer that is water vapour-permeable, and to processes for the manufacture thereof. The invention also provides for the storage and/or transport of perishable goods, and in particular for the storage and transport of horticultural produce such as fruit, vegetables and cut flowers. The present invention also provides a method of regulating the O_2 content in the environment surrounding packaged perishable goods.

